

Pi 54

Mineral nutrient with acidifying action

STRAIGHT MINERAL FERTILIZER

PHOSPHORIC ACID

A high-phosphorus mineral fertilizer solution—phosphorus being an essential element for plant nutrition and growth.

Pi 54 has an acidifying effect and is particularly suitable for root application on alkaline and calcareous soils, promoting the solubilization and availability of nutrients already present.

Applying Pi 54 at the start of the growing season or after transplanting encourages root system development, strengthens tissue structure, and prepares the plant for optimal flowering.

- Promotes robust and balanced crop development.
- Lowers soil pH, making microelements immobilized in high-pH soils available.
- Stimulates flowering and root development.
- Stimulates fruit enlargement.
- Promotes the resumption of vegetative growth.

REGISTRATION

SIAN Registration No.
0015958/16

COMPOSITION (% w/w)

Total phosphoric anhydride
(P₂O₅) 54
(from orthophosphoric acid)

PHYSICAL PROPERTIES

pH (1% solution) 2.5
Density (g/ml, 20°C) 1.60
Color: Green

FORMULATION

Liquid

PACKAGING

6 kg container
25 kg container

SHIPPING UNIT

4 x 6 kg
32 x 25 kg

APPLICATION

Root application



MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	1 - 2 Throughout the cycle or when deemed necessary	50 – 100 kg/ha

Precautions: Miscible with common water-soluble fertilizers; concentrated solutions with fertilizers containing calcium and/or magnesium are not recommended. Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosage rates. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in adequately ventilated areas at temperatures between +5°C and +35°C.

